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PATENT

Attorney Docket No. 28967/34891A

IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE

Applicants: Alitalo et al.

Serial No.: 09/765,534

Filed: January 19, 2001

For: Flt4 (VEGFR-3) as a Target  
for Tumor Imaging and Anti-  
Tumor Therapy

Examiner: TBD

Group Art Unit: 1644

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REQUEST TO CORRECT FILING RECEIPT

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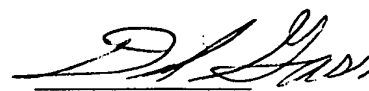
Sir:

Attached hereto are copies of a filing receipt issued by the Patent Office and page 1 of the patent application as filed. It will be apparent from the patent application that the filing receipt contains an incomplete priority claim. The applicants respectfully request issuance of a new filing receipt that identifies all of the priority applications, dating back to 1992. Because the application claims priority back to 1992, it is entitled to special status for examination purposes.

Respectfully submitted,

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- 1 -

## Flt4 (VEGFR-3) AS A TARGET FOR TUMOR IMAGING AND ANTI-TUMOR THERAPY

This application is a continuing application which claims priority from United States Patent Application Serial No. 09/169,079 filed October 9, 1998; and  
5 from United States Patent Application Serial No. 08/901,710, filed July 28, 1997, now U.S. Patent No. 6,107,046; and from U.S. Patent Application Serial No. 08/340,011, filed November 14, 1994, now U.S. Patent No. 5,776,755; and from United States Patent Application Serial No. 08/257,754, filed June 9, 1994, now abandoned; the  
10 latter two of which in turn are continuations-in-part of United States Patent Application Serial No. 07/959,951, filed on October 9, 1992, now abandoned. All of these applications are incorporated herein by reference, in their entireties.

### Field of the Invention

The present invention relates generally to genes for receptors, specifically genes for receptor tyrosine kinases, their insertion into recombinant DNA  
15 vectors, and the production of the resulting proteins in host strains of microorganisms and host eukaryotic cells. More specifically, the present invention is directed to Flt4, a receptor tyrosine kinase; to nucleotide sequences encoding Flt4; to methods for the generation of DNAs encoding Flt4 and their gene products; to nucleic acid probes which specifically recognize (hybridize to) nucleic acids encoding such receptors; to  
20 antibodies that specifically recognize such receptors; and to methods of using such probes and antibodies and other Flt4 binding compounds, e.g., for identifying lymphatic vessels and high endothelial venules (HEV) in animal and human tissues and augmenting or preventing the growth of Flt4-expressing cells in pathological conditions.

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### BACKGROUND

The cellular behavior responsible for the development, maintenance and repair of differentiated cells and tissues is regulated, in large part, by intercellular signals conveyed via growth factors and similar ligands and their receptors. The



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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/765,534	01/19/2001	1644	355	28967/34891A	13	19	2

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CONFIRMATION NO. 1420

FILING RECEIPT



\*OC000000007318664\*

Date Mailed: 01/16/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

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## Domestic Priority data as claimed by applicant

THIS APPLICATION IS A CONTINUATION OF 09/169,079 10/09/1998

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## Foreign Applications

If Required, Foreign Filing License Granted 01/16/2002

MARSHALL

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*

## Title

Flt4 (VEGFR-3) as a target for tumor imaging and anti-tumor therapy

Preliminary Class

424

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